

PRIOR ART

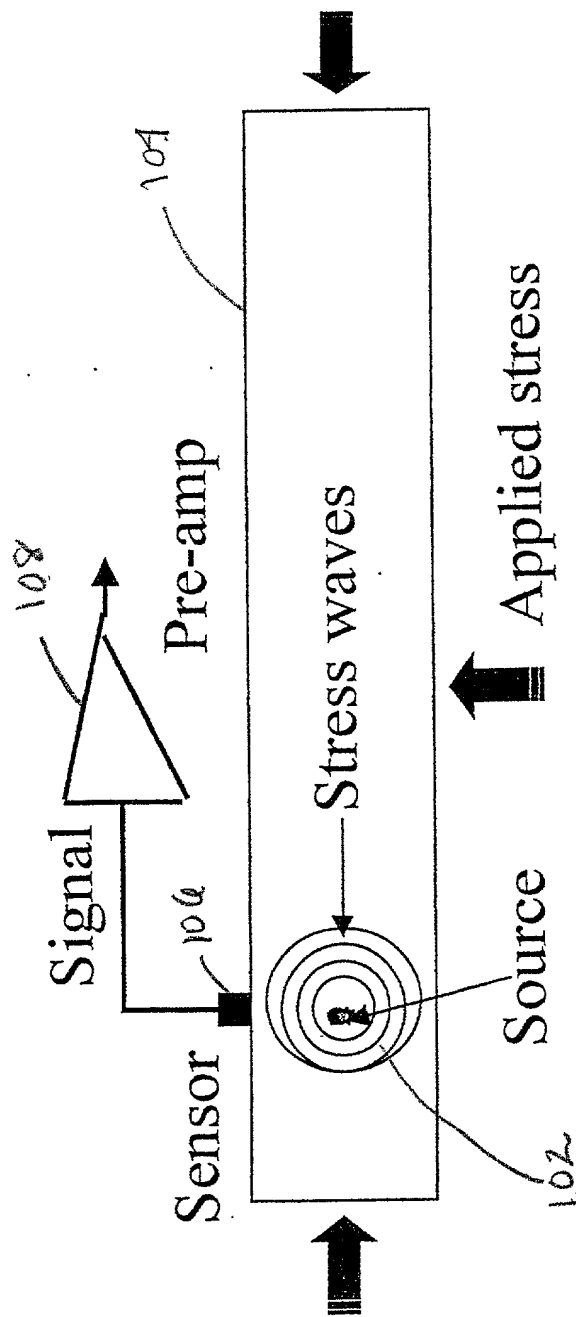
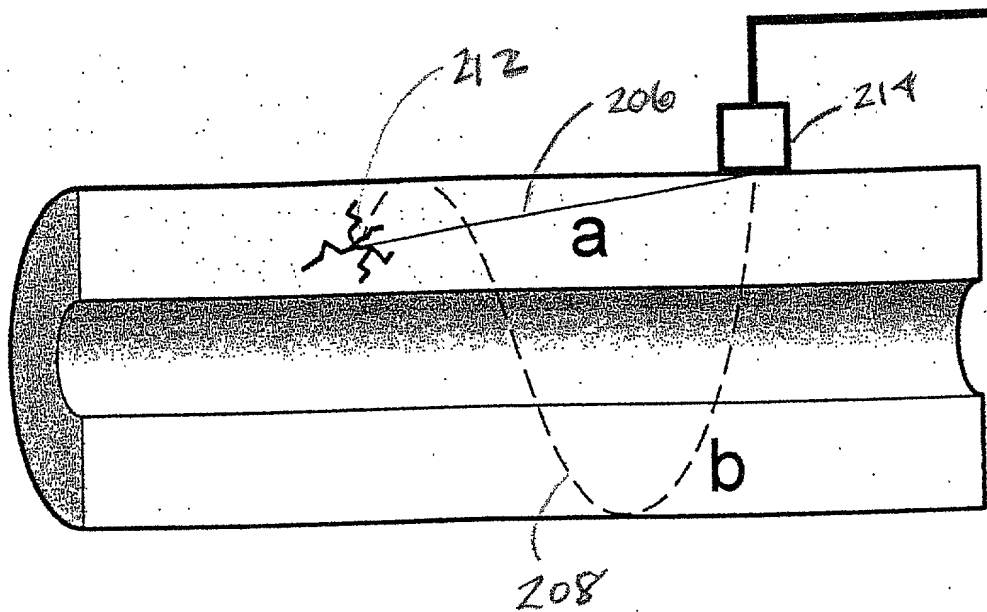
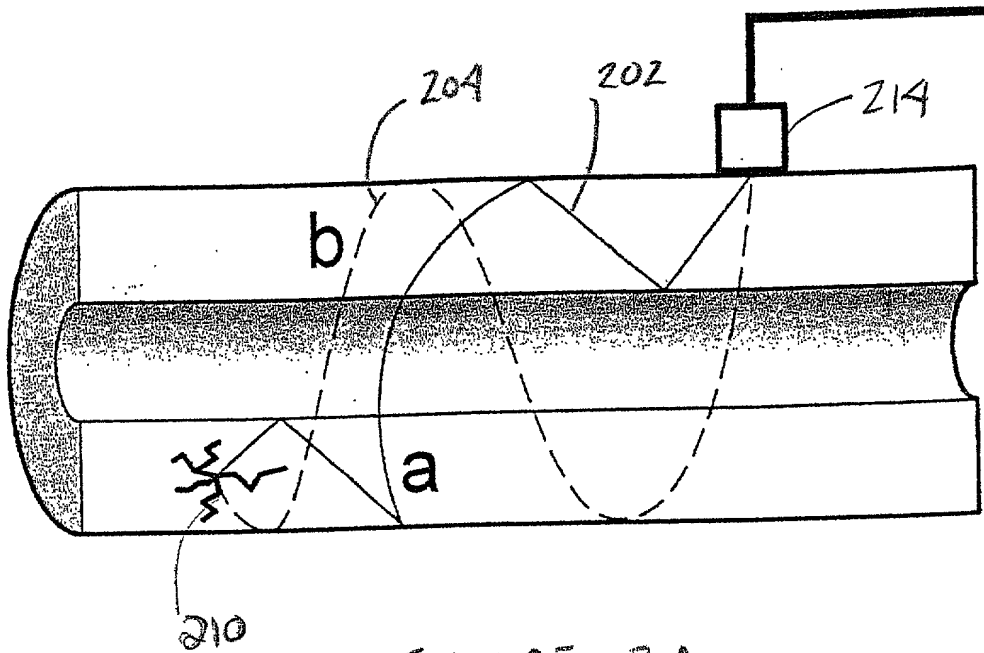
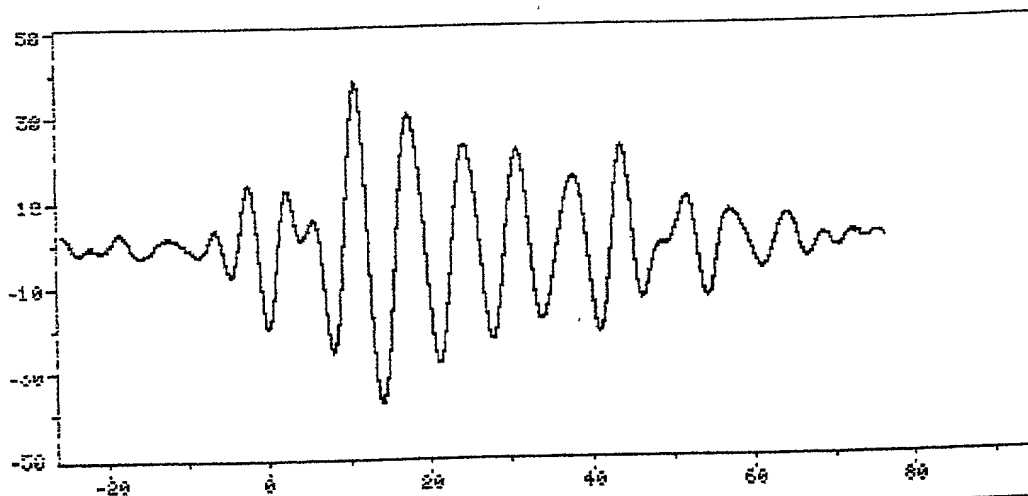


FIGURE 1



WAVEFORM(mV) vs TIME(μsec)



WAVEFORM(mV) vs TIME(μsec)

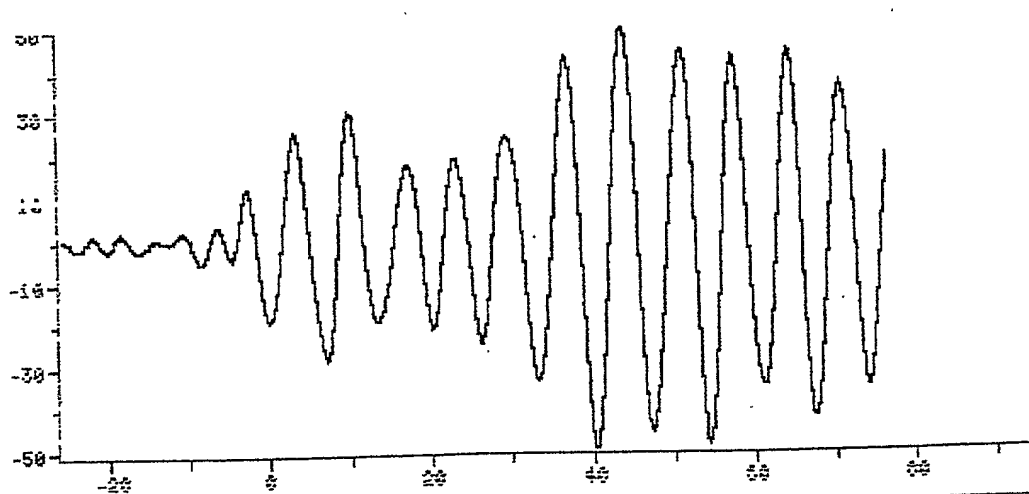


FIGURE 3

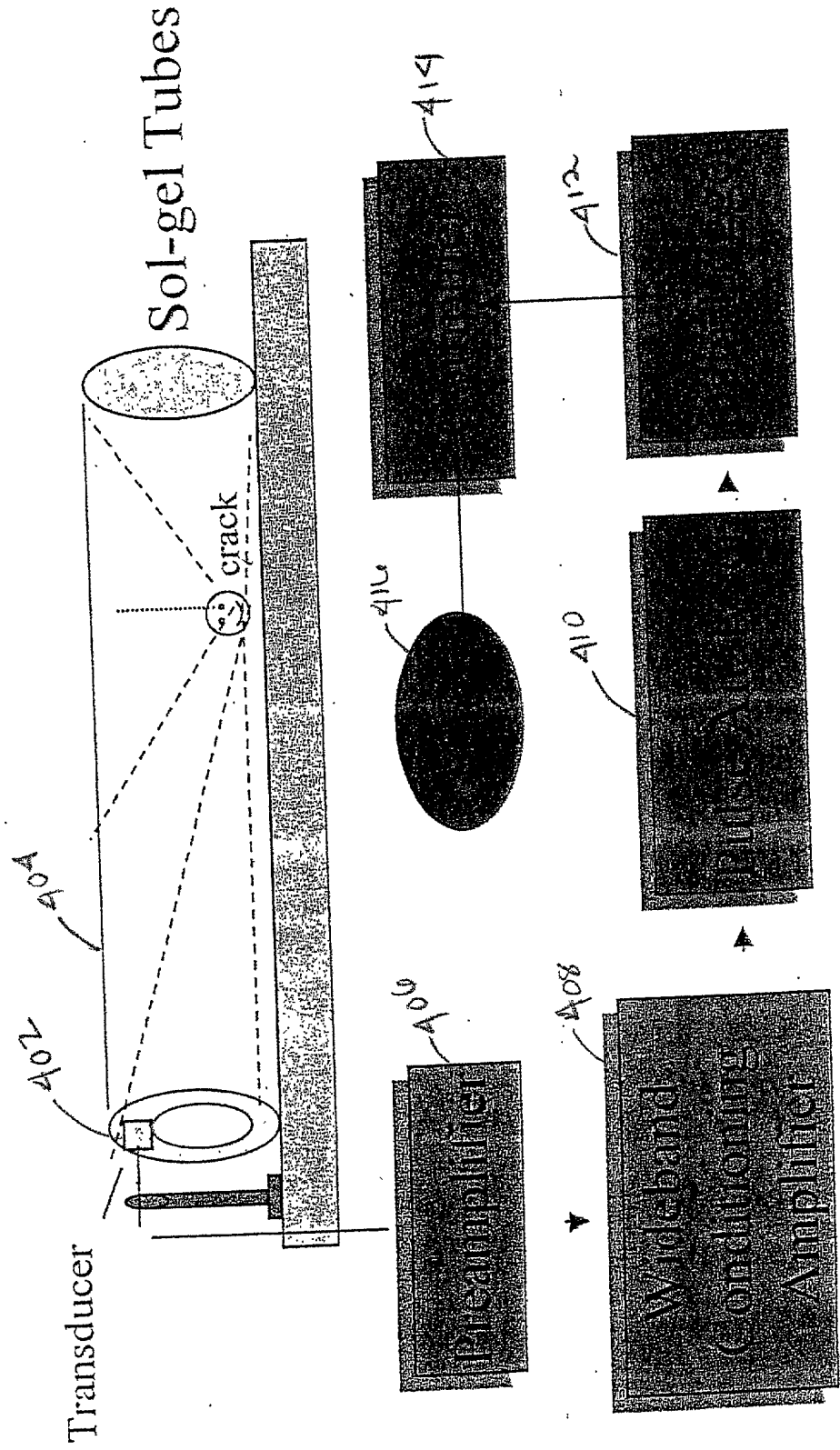


FIGURE 4

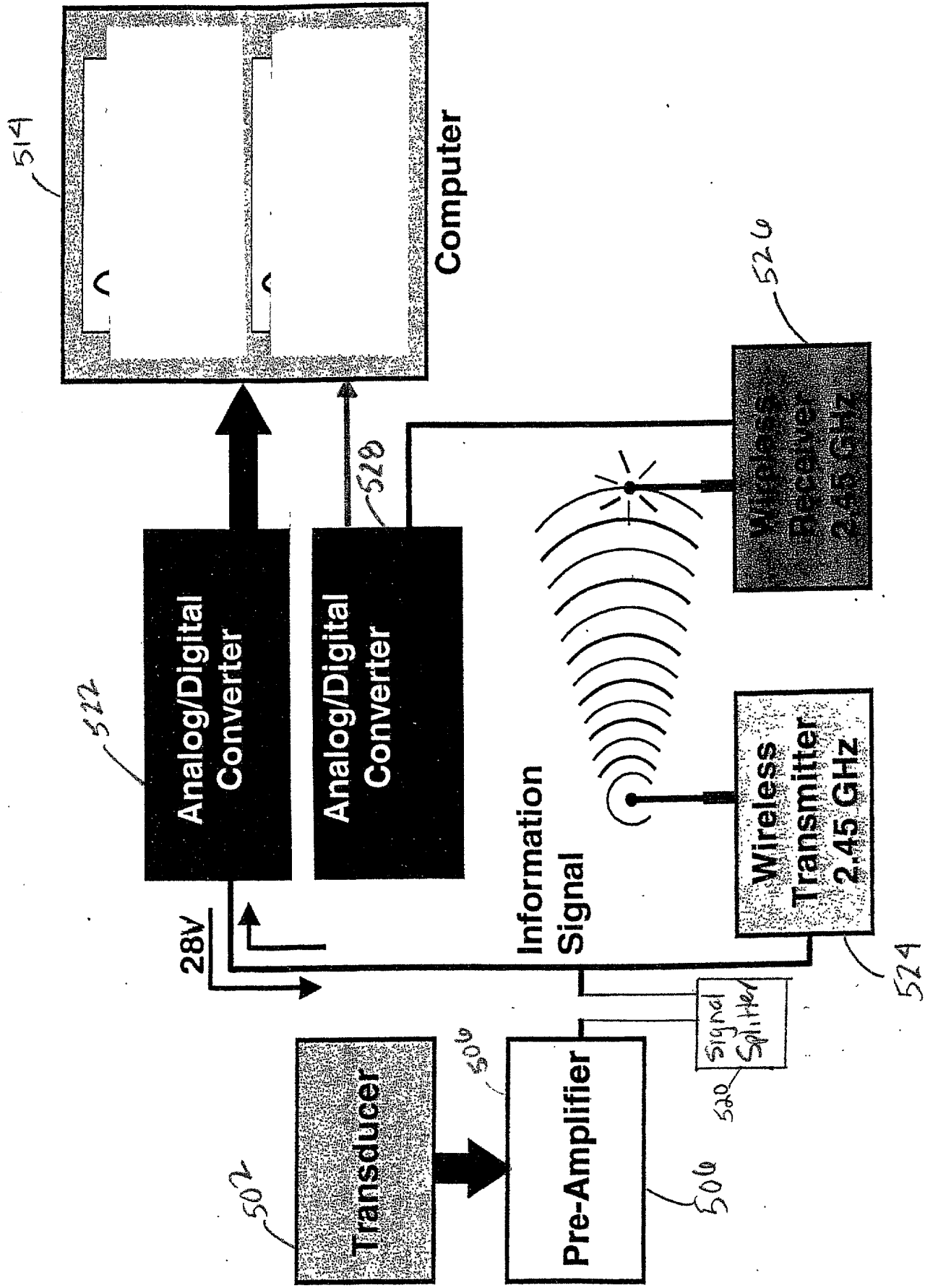


FIGURE 5

FIGURE 6

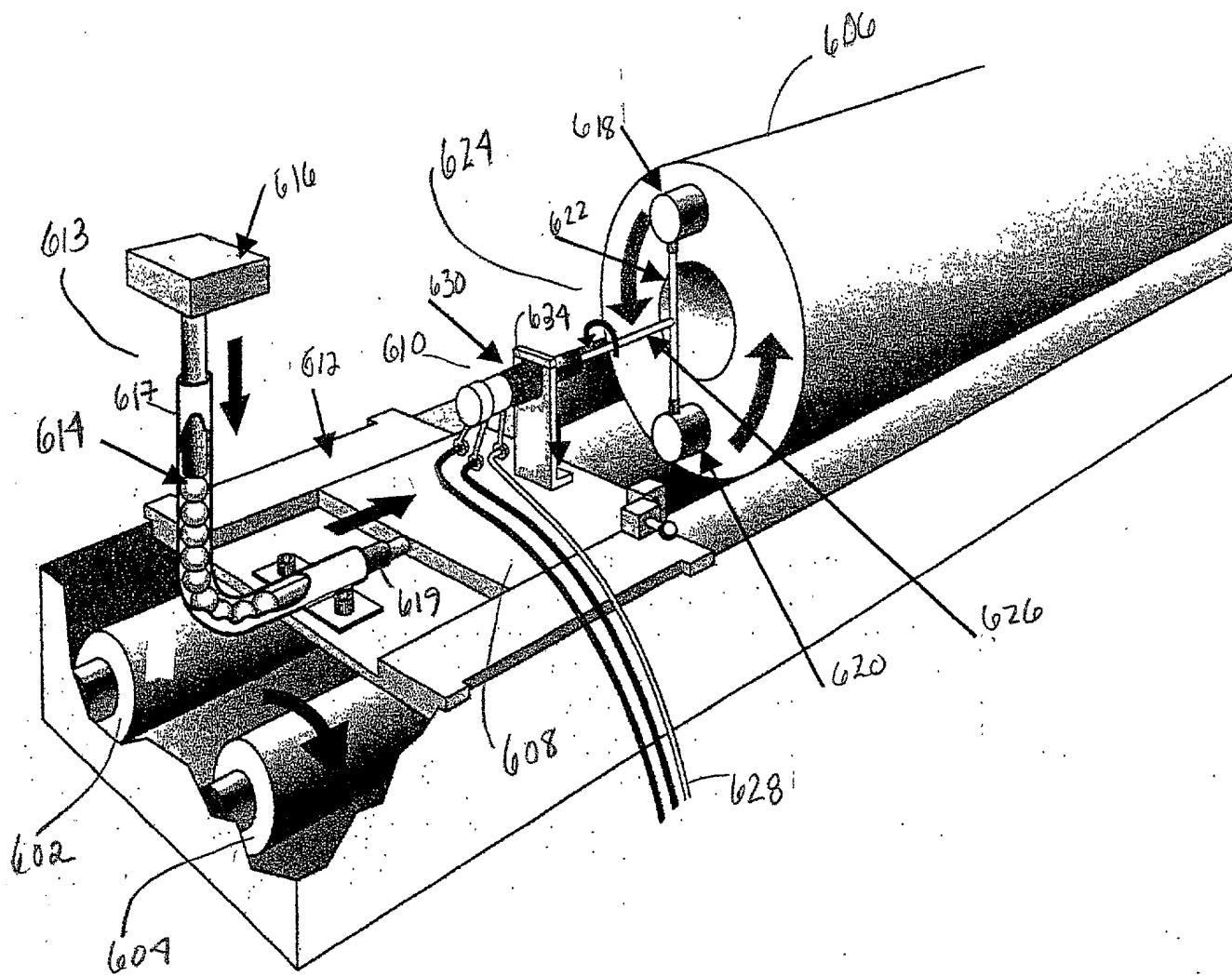


FIGURE 6

Proposed AE Implementation-

Non-contact

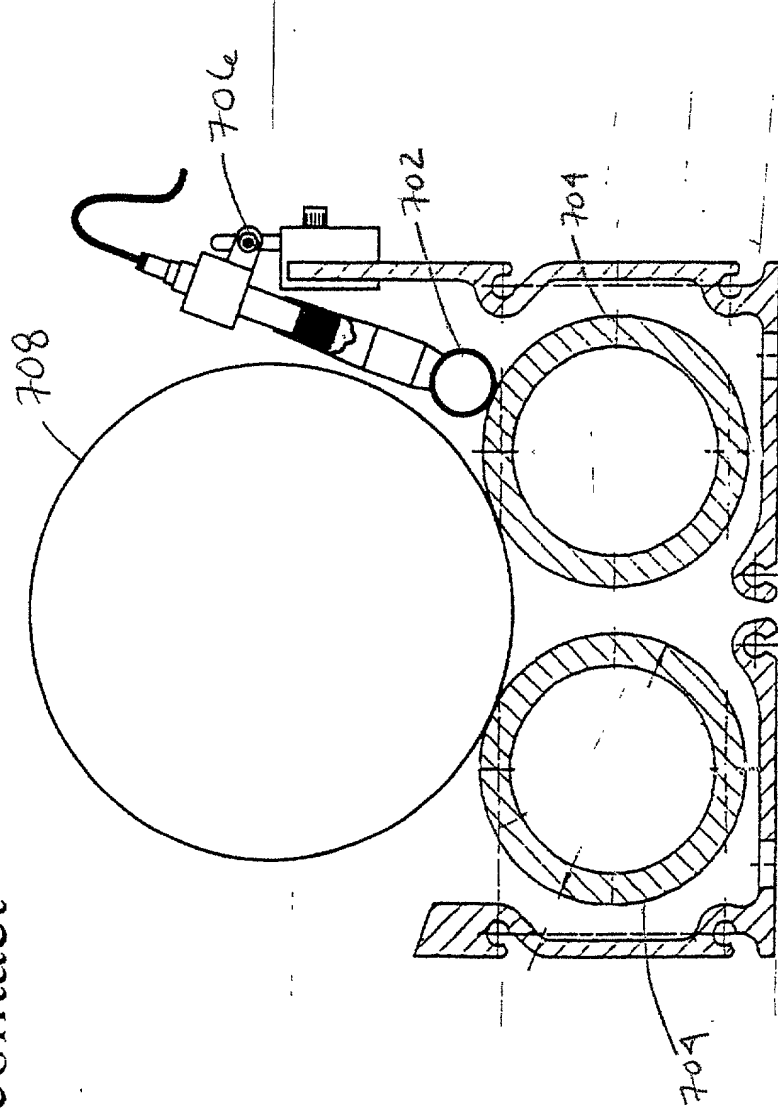


FIGURE 7

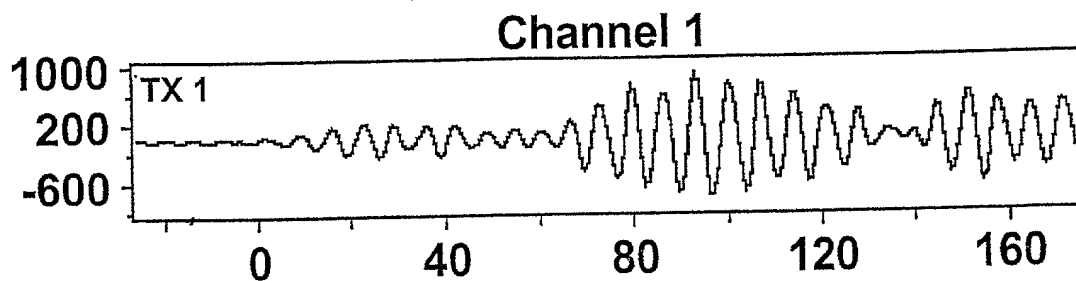


FIG. 8a

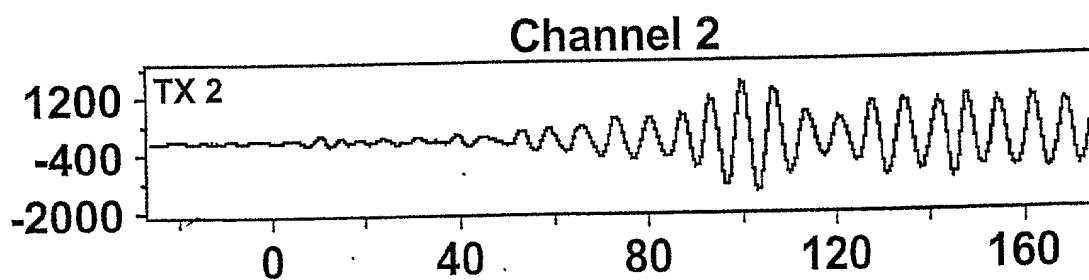


FIG. 8b

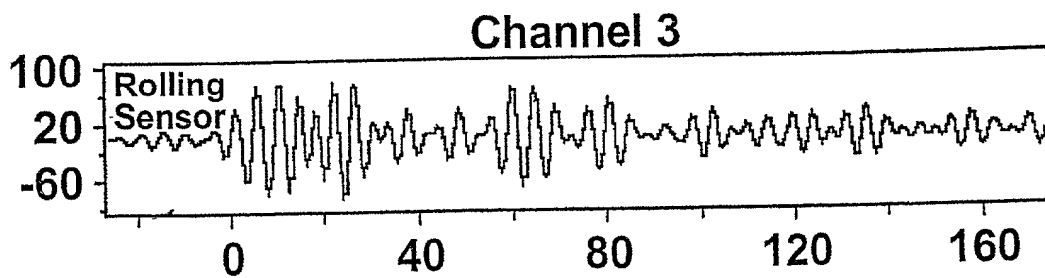
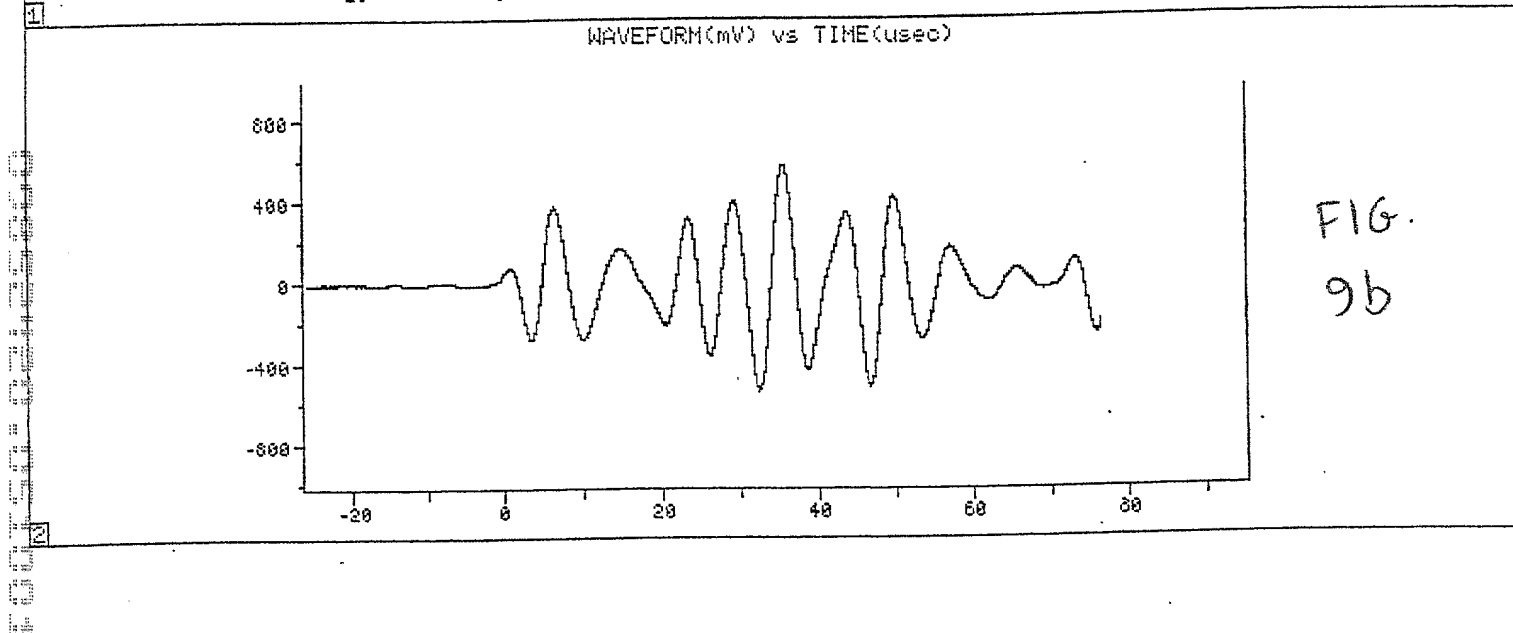
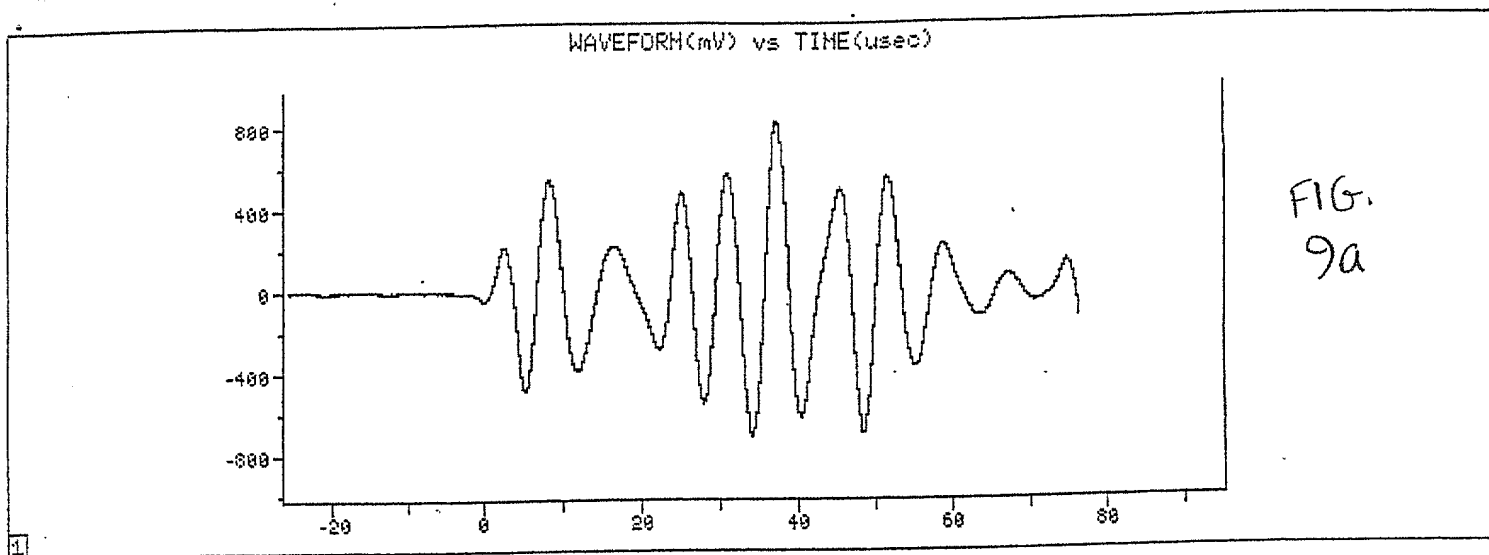


FIG. 8c



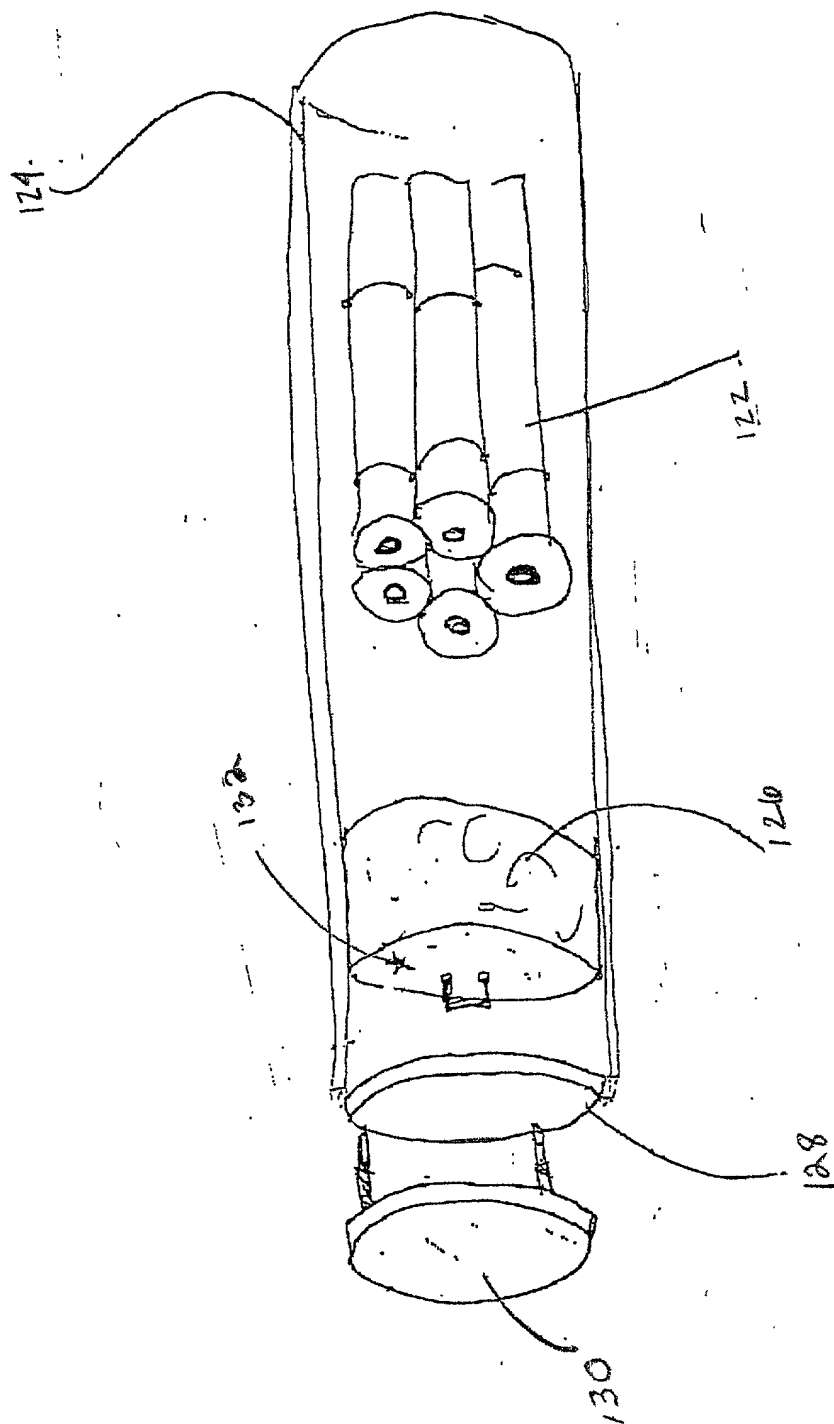


FIGURE 11

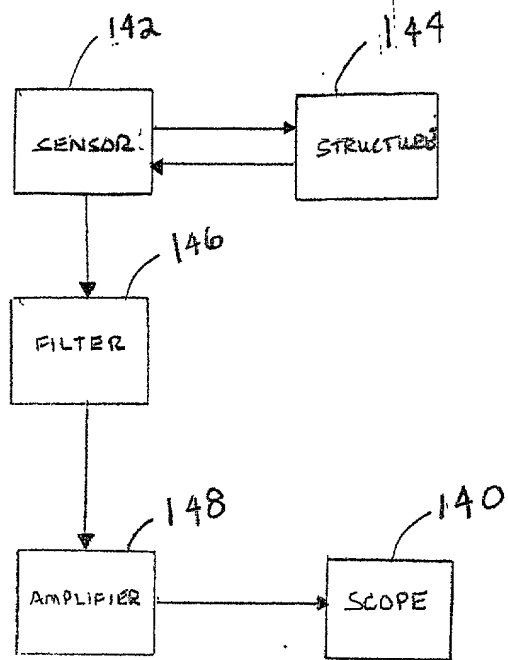


FIGURE 12